

NARRATIVE INFORMATION SHEET

1. Applicant Identification:
State of California
California Environmental Protection Agency
Department of Toxic Substances Control
P.O. Box 806
Sacramento, California 95812-0806
2. Funding Requested
 - a. Assessment Grant Type: Community-wide
 - b. Federal Funds Requested: \$300,000
 - c. Contamination: Hazardous Substances (\$200,000) and Petroleum (\$100,000)
 - d. Location: City of San Bernardino, San Bernardino County
3. Property Information for Site-Specific Applications: Not applicable for Community-wide grant application
4. Contacts
 - a. Project Director:
Maryam Tasnif-Abbasi, Brownfields Coordinator
5796 Corporate Avenue
Cypress, California 90630
(714) 484-5489
Maryam.Tasnif-Abbasi@dtsc.ca.gov
 - b. Chief Executive/Highest Ranking Elected Official:
Meredith Williams, Acting Director
1001 I Street
Sacramento, California 95814-2828
(916) 322-3804
Meredith.Williams@dtsc.ca.gov
5. Population (Population estimates, July 1, 2018, <https://www.census.gov/quickfacts/fact/table/US/PST045218>):
 - a. California: 39,557,045
 - b. San Bernardino County: 2,171,603
 - c. City of San Bernardino: 215,941
6. Other Factors Checklist

#	Other Factor	Page #
1	Community population is 10,000 or less.	Not applicable
2	The applicant is, or will assist, a federally recognized Indian tribe or United States territory.	Not applicable
3	The priority brownfield site(s) is impacted by mine-scarred land.	Not applicable
4	The priority site(s) is adjacent to a body of water (i.e., the border of the priority site(s) is contiguously or partially contiguous to the body of water, or would be contiguous or partially contiguous with a body of water but for a street, road, or other public thoroughfare separating them).	Not applicable
5	The priority site(s) is in a federally designated flood plain.	Not applicable
6	The reuse of the priority site(s) will facilitate renewable energy from wind, solar, or geothermal energy; or will incorporate energy efficiency measures.	Not applicable
7	30% or more of the overall project budget will be spent on eligible reuse planning activities for priority brownfields site(s) within the target area.	Not applicable
7. Letter from the State or Tribal Environmental Authority: Not applicable for State



Department of Toxic Substances Control

Jared Blumenfeld
Secretary for
Environmental Protection

Meredith Williams, Ph.D.
Acting Director
1001 "I" Street
P.O. Box 806
Sacramento, California 95812-0806

Gavin Newsome
Governor

November 26, 2019

Noemi Emeric-Ford
Regional Brownfields Coordinator
EPA Region 9
75 Hawthorne Street, SFD6-1
San Francisco, California 94105

**CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY (CAL/EPA)
DEPARTMENT OF TOXIC SUBSTANCES CONTROL (DTSC) COMMUNITY-WIDE
ASSESSMENT GRANT APPLICATION REQUESTING \$300,000 - EPA FY20
BROWNFIELDS ASSESSMENT GRANT**

Dear Ms. Emeric-Ford,

Cal/EPA, DTSC is the primary brownfield regulatory agency in California. On behalf of California's people and environment, we are pleased to submit this Community-Wide Assessment Grant application for \$300,000 in funding to investigate environmental conditions in the City of San Bernardino (City), an economically distressed and disadvantaged community. Through our extensive experience with cleaning-up brownfields, we have witnessed how resolving environmental issues can be transformative for a community because it eliminates threats to residents and neighborhoods from hazardous substances, and it frees these abandoned or underutilized lands for viable productive reuses.

This Community-Wide Assessment Grant application will focus on the City of San Bernardino. The City has experienced many economic challenges. In 2012, the City filed for bankruptcy under a \$45-million budget shortfall. It emerged from that 5-year bankruptcy process in mid-2017. Within the City, the target area is the underserved downtown area. Closure of a nearby Air Force base and other adverse economic factors lead to a mix of land uses in the downtown area that was unable to support economic development. Over time, this has resulted in underutilized and blighted properties that attract crime and vagrancy. DTSC's goal is to conduct assessments and leverage community partnerships to ensure that the sites included in the grant are repurposed in a timely manner and are in alignment with the City's smart growth objectives.

For the Community-Wide Assessment Grant, DTSC is proposing an innovative methodology to implement an effective and meaningful community engagement process. The Centers for Disease Control's National Center for Environmental Health

and the National Association for County and City Health Officials Protocol for Assessing Community Excellence in Environmental Health (PACE-EH) is a methodology which guides communities and local officials in conducting community-based collaboration to involve the public and other stakeholders. This methodology seeks to establish ties with community members and to determine and respond to the key environmental health concerns of the community. Implementation of this process will serve as a gateway for community members to voice their primary concerns regarding contaminated sites and facilitate the initiation of the general health discussion. This process, which has been effectively used in Florida and southern states, has only been used in California in a limited capacity (but with strong USEPA support). DTSC will implement this process by collaborating with the City and using the City's existing relationships to establish a PACE-EH team, which will participate in thirteen objective-oriented meetings.

Additionally, DTSC is developing an internship program with the California State University San Bernardino to assist with all aspects of this Community-Wide Assessment Grant. The internship program will allow DTSC the opportunity to help develop the next generation of future brownfield professionals.

On behalf of DTSC, thank you for your consideration of DTSC's Community-Wide Assessment Grant application.

Sincerely,



Grant Cope
Deputy Director
Site Mitigation and Restoration Program

Enclosures

cc: (sent by email to the following Department of Toxic Substances Control recipients)

Mr. Peter Garcia, Chief
Cleanup Program Schools Evaluation & Brownfields Outreach
Site Mitigation and Restoration Program
5796 Corporate Avenue
Cypress, California 90630
Peter.Garcia@dtsc.ca.gov

cc: Mr. Javier Hinojosa, Chief
Brownfields Restoration & School Evaluation Branch
Site Mitigation and Restoration Program
5796 Corporate Avenue
Cypress, California 90630
Javier.Hinojosa@dtsc.ca.gov

Ms. Maryam Tasnif-Abbasi
Site Mitigation and Restoration Program
5796 Corporate Avenue
Cypress, California 90630
Maryam.Tasnif-Abbasi@dtsc.ca.gov

Ms. Jennifer Black, Chief
Grants & Program Support Branch
Site Mitigation and Restoration Program
8800 Cal Center Drive
Sacramento, California 95826
Jennifer.Black@dtsc.ca.gov

Mr. Larry McDaniel
Legal Affairs
P.O. Box 806
Sacramento, California 95812-0806
Larry.McDaniel@dtsc.ca.gov

Ms. Tsing Mabel Zhan, Chief
Accounting Office
P.O. Box 806
Sacramento, California 95812-0806
TsingMabel@dtsc.ca.gov

Ms. Ellen Moratti
Chief Financial Officer
P.O. Box 806
Sacramento, California 95812-0806
Ellen.Moratti@dtsc.ca.gov

Ms. Alice Jeung
Fiscal Officer, Financial Planning Office
P.O. Box 806
Sacramento, California 95812-0806
Alice.Jeung@dtsc.ca.gov

Ms. Emeric-Ford
November 26, 2019
Page 4

cc: Ms. Yun Lan
Financial Services
P.O. Box 806
Sacramento, California 95812-0806
Yun.Lan@dtsc.ca.gov

1. PROJECT AREA DESCRIPTION AND PLANS FOR REVITALIZATION

1.a. Target Area and Brownfields

1.a.i. Background and Description of Target Area

This Community-Wide Assessment Grant will focus on the City of San Bernardino (City). The City has experienced many economic challenges, including the national recession of the early 1990s and closure of Norton Air Force Base in 1994. With closure of Norton Air Force Base, the City immediately lost more than 10,000 jobs and the interconnected levels of economic activity generated by an active military base. This started a chain reaction of decreased taxable retail sales, escalating retail vacancies, loss of regional market share and decline in fiscal revenue. The City was unable to attract high value residential developments and property values decreased. After losing numerous employers and the businesses that they supported, the City spiraled into economic distress with burgeoning chronic unemployment, sky-rocketing public assistance needs and disinvested neighborhoods that resulted in blight and deteriorating health conditions among poorer residents. In 2012, the City filed for bankruptcy under a \$45-million budget shortfall. It emerged from that 5-year bankruptcy process in mid-2017.

Within the City, the target area is the underserved Downtown area (Census Tracts 6071005600, 6071005701 and 6071005800), located east of Interstate 215, west of Waterman Avenue, between Baseline Street to the north, and Mill Street to the south. This area is the historic heart of the City and includes City Hall, Carousel Mall, County of San Bernardino Courts and Administrative Offices, California Theatre, Seccombe Lake and Meadowbrook Parks.

Historic growth in Downtown has been dictated by external influences, leading to a mix of land uses unable to support economic development. Over time, this has resulted in underutilized blighted properties that attract crime, vagrancy and malaise. The State of California Department of Toxic Substances Control (DTSC) can effectively utilize this grant for sites in the Downtown target area and, if needed, can evaluate sites within its jurisdiction across the State of California.

1.a.ii. Description of the Priority Brownfields Site(s)

Examples of brownfields in the Downtown area are listed in the following table. The priority sites are highlighted and additional discussion is provided after the table.

EXAMPLES OF BROWNFIELDS IN DOWNTOWN

BROWNFIELD SITE ADDRESS	PAST LAND USE	CURRENT SITE CONDITIONS	POTENTIALLY RELATED ENVIRONMENTAL ISSUES
512 2 nd St	Historic auto repair and paint spray booth	Vacant parking lot	Petroleum compounds and volatile organic compounds (VOCs) in soil.
655 3 rd St	Historic dry cleaner	Vacant parking lot	VOCs in soil.
698/696 3 rd St	Historic gasoline and oil USTs	Vacant parking lot	Petroleum compounds and VOCs in soil.
757/729 3 rd St	Historic auto repair, gasoline and oil USTs	Vacant parking lot	Petroleum compounds and VOCs in soil.
677 W 4 th St	Former J.C. Penney Service Center site Historic automotive and gasoline service station	Vacant site with building	Petroleum compounds and VOCs in soil.
245 Berkeley Ave	Historic auto repair	Vacant parking lot	Petroleum compounds and VOCs in soil.
655 Court St	Historic auto repair	Vacant parking lot	Petroleum compounds and VOCs in soil.
679 Court St	Historic plating facility	Vacant parking lot	Metals in soil
Near SW corner of W 4 th St and N E St	Parking Structure site Historic gasoline stations and dry cleaning facilities	Multi-level parking structure	Phase II ESA is needed to investigate the location/presence of historic UST. Petroleum compounds and VOCs in soil.
206 F St	Historic auto repair and service	Vacant parking lot	Petroleum compounds and VOCs in soil.
268 F St	Historic auto repair and paint spray booth	Vacant parking lot	Petroleum compounds and VOCs in soil.
363 N F St	Historic auto repair	Vacant parking lot	Petroleum compounds and VOCs in soil.
376/378/398 N F St	Historic auto repair, gasoline and oil USTs	Vacant parking lot	Petroleum compounds and VOCs in soil.
321/325 N G St	Historic plating facility	Vacant parking lot	Metals in soil
329/331/333/335 N G St	Historic auto repair	Vacant parking lot	Petroleum compounds and VOCs in soil.

348 N G St	Historic auto repair	Vacant parking lot	Petroleum compounds and VOCs in soil.
327 N G St	Historic paint spray booth	Vacant parking lot	VOCs in soil.
265 N G St	Historic auto repair, gasoline and oil USTs, sheet metal shop	Vacant parking lot	Metals, petroleum compounds and VOCs in soil.
268 S Mountain View	Former Trojan plating facility operated from 1970 to 1979.	Fenced vacant lot with structure	A Phase II ESA is needed to determine residual concentrations and evaluate associated health risk to determine if the site is safe for unrestricted use, following removal of hazardous waste and soil contaminated with copper and chromium by EPA in 2000. Metals in soil

Priority sites for assessment and reuse are the former J.C. Penney Service Center and Parking Structure sites. Both priority sites are within the 43-acre former Carousel Mall area. The City is currently seeking a developer to prepare a mixed-use redevelopment plan for the Carousel Mall, a catalyst for Downtown revitalization.

J.C. Penney Service Center site, 677 West 4th Street (historic), 605 West 4th Street (current) – An automotive and gas service station operated from 1972 to 2003. The site has a clarifier that needs to be investigated and closed. The clarifier was not addressed during the previous remediation of three former underground storage tanks (USTs) that was closed by the Regional Water Quality Control Board.

Parking Structure site, near southwest corner of West 4th Street and North E Street – An area of subsided, cracked pavement was observed on the ground level of the existing multi-level parking structure. The site was historically used for gasoline stations and dry cleaning facilities. The possible former UST needs to be investigated to determine if there has been a release of hazardous substances or petroleum.

1.b. Revitalization of Target Area

1.b.i. Reuse Strategy and Alignment with Revitalization Plans

The Carousel Mall area, including the J.C. Penney Service Center and Parking Structure sites, is currently zoned as "Commercial" in the November '05 "City of San Bernardino General Plan." In August 2019, the City released a Request for Qualifications to find a developer to prepare a mixed-use redevelopment plan. The City is seeking developers with experience in large urban in-fill, mixed-use and transit-oriented projects that have been catalysts for stimulating growth and development. Consistent with the November 2005 "City of San Bernardino General Plan" and June '09 "San Bernardino Downtown Core Vision & Action Plan," the reuse strategy includes:

- Redevelopment of Carousel Mall as a destination that attracts new business and residents to Downtown;
- Re-establishment of the historic street system;
- Vertical mixed-use urban development combining high density residential, commercial and office uses;
- Buildings in close proximity to sidewalks, along with plazas and courtyards to encourage pedestrians; and
- Buildings and uses that make use of public transportation.

1.b.ii. Outcomes and Benefits of Reuse Strategy

Reuse of the Carousel Mall area is a central component to the revitalization of the City. The Carousel Mall area covers approximately 43 acres, consisting of 13 properties. One of the key initiatives in the June 2009 "San Bernardino Downtown Core Vision & Action Plan," is to redefine the Carousel Mall area as urban street retail. Since the City is in the process of selecting a developer, outcomes and benefits of the reuse strategy are based on the June 2009 "San Bernardino Downtown Core Vision & Action Plan" and November 2005 "City of San Bernardino General Plan." In the General Plan, the Carousel Mall is currently zoned as "Commercial Regional-2 (CR-2) Downtown" which is a mixture of regional serving retail, service, office, outdoor dining, entertainment, cultural, and residential uses that enhance the downtown area as the functional and symbolic center of the City. The following estimates for the Carousel Mall area are based on the maximum residential density and non-residential intensity for vertical mixed-use projects, provided in the General Plan:

- Residential Units = (43 acres)(54 dwelling units per acre) = 2,322 dwelling units
- Non-Residential Usable Floor Area, vertical mixed-use project = (43 acres)(4.0 floor area ratio) = 172 acres = 7,492,320 square feet
- Jobs = (7,492,320 square feet)(1/1,029 median square feet per worker*) = 7,281 jobs

(*<https://www.eia.gov/consumption/commercial/data/2012/bc/cfm/b2.php>)

Using grant funding for the Carousel Mall area will work toward minimizing exposure to hazardous substances and petroleum contamination and facilitate reuse of approximately 43 acres. Underutilized parcels will be redeveloped to eliminate blight and accommodate higher and better economic uses while enhancing the City's financial resources. Reuse of the Carousel Mall area is estimated to result in 2,322 dwelling units, 7,492,320 square feet of non-residential usable floor space, and 7,281 jobs. These improvements are envisioned to attract tourism, commerce and community revitalization, which will lead to an increase in tax revenue for infrastructure, utilities, schools, and support for other municipal activities.

1.c. Strategy for Leveraging Resources

1.c.i. Resources Needed for Site Reuse

Following completion of grant activities, such as Phase II Environmental Site Assessments (ESAs) for the priority sites, DTSC will help the City pursue additional funding for investigation and cleanup, as follows:

- Targeted Site Investigation (TSI) Program – Under the USEPA CERCLA Section 128(a) SRP Grant DTSC provides ~\$300,000 worth of environmental assessment and cleanup planning services to local government agencies, school districts and non-profit organizations, through a competitive application process.
- Investigating Site Contamination Program (ISCP) – DTSC provides low-interest loans of up to \$100,000 to conduct assessments of underutilized properties.
- Revolving Loan Fund (RLF) Program – Through USEPA, DTSC provide grants and below-market, low interest loans for cleanup of hazardous substances or petroleum where redevelopment or reuse is planned.
- Cleanup Loans and Environmental Assistance to Neighborhoods (CLEAN) Program – Under this program, DTSC provides low-interest loans of up to \$2.5 million for the cleanup of hazardous materials sites where redevelopment is likely to have a beneficial impact on the quality of life of a community.
- Site Cleanup Subaccount Program (SCAP) – SCAP is a funding program that allows the State Water Resources Control Board (SWRCB) to issue grants, assessments and cleanup.

The entire Downtown target area, including priority sites, are located in census tracts designated as California Senate Bill 535 Disadvantaged Communities and Opportunity Zones. As a result, the City is eligible for cap-and-trade funding and associated tax incentives, respectively. These financing products and others that the City should be eligible to access, based on proposed development, are described below:

- Cap-and-Trade Funding – *California Senate Bill 535 Disadvantaged Communities* are specifically targeted for investment of proceeds from the cap-and-trade program and are aimed at improving public health, quality of life and economic opportunity in burdened communities while reducing pollution that causes climate change.
- Tax Incentives – *Opportunity Zones* provide tax incentives for investment in designated census tracts to support new investments in environmental justice, sustainability, climate change, and affordable housing. The *New Markets Tax Credit program* incentivizes community development and economic growth through the use of federal income tax credits that attract private investment to distressed communities. *Low-Income Housing Tax Credit program* provides tax incentives to construct/rehabilitate affordable rental housing.
- Loans – *Small Business Administration loans* can be used for fixed assets and working capital that makes it easier for small businesses to get loans. *Affordable Housing and Sustainable Communities (AHSC) program*, in California, provides grants and/or loans for affordable housing, housing-related infrastructure.
- Tax Increment Tools – *Enhanced Infrastructure Financing District (EIFD)* provides authority for local agencies in California to use tax increment to finance a wide variety of projects, including infrastructure, affordable housing, mixed-use development and sustainable development, transit-oriented development, light rail, industrial structures, parks and open space, libraries, child care facilities, military base reuse and brownfields remediation. *Community Revitalization and Investment Authorities (CRIAs)* authorizes tax increment to be used in combination with the power of former California redevelopment agencies, with a focus on revitalization of poorer neighborhoods and former military bases. CRIAs include a 25% set-aside for affordable housing.

With the increase in jobs that this revitalization will bring, there will likely be a gap in affordable housing with the dire shortage of homes in California. Governor Newsom recently announced a legislative proposal as part of his \$1.75 billion package to confront the housing crisis. The proposal sets higher short-term goals for housing that cities and counties must meet and provides \$750 million in support to help jurisdictions plan and zone for these ambitious housing targets. These resources will contribute to a cumulative approach to Downtown redevelopment.

Additionally, the National Development Council (NDC), a DTSC partner, helps local and state governments and community-based organizations create and implement unique economic and community development strategies. Following its mission to increase the flow of investment in low-income communities, NDC directs capital to support development/preservation of affordable housing, creation of jobs through training, small business lending, and advancement of livable communities through investment in social infrastructure. NDC worked with the San Bernardino Redevelopment Agency prior to the 2012 dissolution of redevelopment agencies in California. NDC is uniquely qualified to help the City evaluate reuse resources as projects move closer to redevelopment.

1.c.ii. Use of Existing Infrastructure

The Downtown target area, including the former J.C. Penney Service Center and Parking Structure sites, is located in a developed area with extensive infrastructure that can be used for redevelopment, including sewage (City of San Bernardino), potable water (City of San Bernardino Water Department), electricity (Southern California Edison), refuse (Burrtec), communication (AT&T, Charter, Time Warner, Frontier), and gas (Southern California Gas Company). Additionally, the \$647-million Interstate 215 Widening Project, completed in 2013, improved mobility through the region and accessibility to Downtown. In 2014, service began on the Omnitrans sbX, the first rapid transit line in the region, with a multi-modal transit station in Downtown.

2. COMMUNITY NEED AND COMMUNITY ENGAGEMENT

2.a. Community Need

2.a.i. The Community's Need for Funding

On February 1, 2012, the California's 400 plus redevelopment agencies were dissolved, eliminating tax increment funds used to address brownfields directly, including leveraging of DTSC and USEPA funds. Through the dissolution process, the designated Successor Agencies lost staff and institutional knowledge, and are working with a fraction of previous resources. San Bernardino has not recovered from these losses.

The City filed a petition commencing its Chapter 9 bankruptcy case in August 2012. At the time, City officials discovered they were deeply insolvent, facing a sharp liquidity crisis. Approval of the Third Amended Plan of Adjustment of Debts, effective as of June 15, 2017, marked completion of the City's bankruptcy process.

Based on the City's bankruptcy and absence of resources to apply for grant funding, DTSC is applying for this grant with a focus on the Downtown area of the City. This is an opportunity for DTSC to provide technical expertise to help an economically disadvantaged community access brownfields funding. DTSC will provide technical and regulatory expertise needed to make decisions on assessments, investigation and cleanup planning, and leverage the state's considerable resources. The DTSC Land Revitalization & Redevelopment Collaborative will provide redevelopment insight and expertise. In 2017, through the CERCLA Section 128(a) SRP Grant, DTSC initiated this effort to increase engagement with entities driving the reuse of underutilized and blighted brownfields. Municipal, community, and brownfield private practitioners meet on a quarterly basis to advise DTSC on market trends, emerging issues, and provide knowledge capital, and resources to apply innovative approaches to brownfields.

2.a.ii. Threats to Sensitive Populations

The California Office of Environmental Health Hazard Assessment (OEHHA) developed CalEnviroScreen as part of the California Environmental Protection Agency (CalEPA) environmental justice program. It is a science-based mapping tool that uses environmental, health, and socioeconomic data, from national and state sources, to identify California communities most affected by pollution and vulnerable to its effects (<https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-30>). The following table summarizes the indicators for health or welfare of sensitive populations, incidence of disease and adverse health conditions, and disproportionately impacted populations. The following table provides the percentiles of each indicator and the overall CalEnviroScreen score for Downtown, the City, and County. Discussion in 2.a.ii.(1) through (3) is based on information in the following table.

THREATS TO SENSITIVE POPULATIONS

Representative Census Tract (Highest Calenviroscreen Score)	DOWNTOWN	CITY OF SAN BERNARDINO	SAN BERNARDINO COUNTY
	6071005701	6071004900	6071001600
EXPOSURE INDICATORS			
OZONE	98.18	98.18	91.10
DIESEL	92.10	87.95	92.12

ENVIRONMENTAL EFFECT INDICATORS			
CLEANUP SITES	96.19	82.03	97.68
HAZARDOUS WASTE	93.20	92.86	88.77
SENSITIVE POPULATION INDICATORS			
ASTHMA	97.68	96.61	69.78
LOW BIRTH WEIGHT	98.94	75.86	90.85
CARDIOVASCULAR DISEASE	99.61	98.06	92.66
SOCIOECONOMIC INDICATORS			
LINGUISTIC ISOLATION	95.59	87.80	96.25
POVERTY	99.79	95.65	94.63
UNEMPLOYMENT	91.37	95.49	71.82
HIGHEST CALENVIROSCREEN SCORE (PERCENTILE)	99.58 top 1% statewide	99.67 top 1% statewide	99.99 top 1% statewide

2.a.ii. (1) Health or Welfare of Sensitive Populations

For Downtown, the following indicators are in the top 10% statewide, which indicates this is one of the most sensitive populations in the State that may be adversely impacted by environmental contamination:

- A high degree of **linguistic isolation** among members of a community raises concerns about access to health information and public services, and engagement with regulatory processes.
- **Poverty** is an important social determinant of health. Studies indicate that impoverished populations are more likely than wealthier ones to experience adverse health outcomes when exposed to environmental pollution.
- **Unemployment** and resulting low income often cause people to live in neighborhoods with higher levels of pollution and environmental degradation.

2.a.ii. (2) Greater Than Normal Incidence of Disease and Adverse Health Conditions

For Downtown, the following indicators are in the top 5% statewide, which indicates a greater incidence of disease and adverse health conditions that may be associated with exposure to hazardous substances:

- **Asthma** is a chronic lung disease that is an effective indicator of population sensitivity to environmental stressors since it is both caused by and exacerbated by pollutants.
- **Low birth weight infants**, born weighing less than ~5.5 pounds, are at risk for chronic health conditions that may make them more sensitive to environmental exposures after birth.
- **Heart disease** is the leading cause of death both in California and the US. There are many risk factors for developing heart disease, including diet, lack of exercise, smoking, and air pollution.

2.a.ii. (3) Disproportionately Impacted Populations

For Downtown, the community is disproportionately impacted by environmental contamination and the following indicators are in the top 10% statewide:

- **Ozone** is the primary component of smog and causes numerous adverse health effects, including respiratory irritation and exacerbation of lung disease.
- **Diesel particulate matter** is the particle phase of diesel exhaust concentrated near freeways. Exposure results in irritation to eyes, throat and nose, heart/lung diseases, and lung cancer.
- **Contaminated sites** have suffered environmental degradation due to the presence of hazardous substances. Potential for people's exposure to these substances is concerning.
- Concerns for human health and the environment from sites manage and generate **hazardous waste**.

The highest CalEnviroScreen score for San Bernardino County, City of San Bernardino, and Downtown range from 99.58 to 99.99, indicating the pollution vulnerability of these areas are among the worst (top 1%) statewide.

This grant will enable DTSC to address environmental contamination to reduce the pollution burden on a disproportionately vulnerable population in Downtown. Additionally, addressing environmental contamination will ultimately support the future redevelopment, revitalization, and growth of Downtown, as described in the June 2009 "San Bernardino Downtown Core Vision & Action Plan." The vision for future redevelopment of Downtown will provide employment opportunities, encourage pedestrian activity, support transit-oriented development, and provide recreation and access to green spaces, by including:

- Neighborhoods offering choices to live, work and socialize.
- A new Civic Center for City and County offices, closer to the freeway to increase access.

- Reconfiguration of Carousel Mall as an open-air mixed use and retail district.
- Reconfiguration of 4th Street to be more pedestrian-friendly, with angled parking and wider sidewalks.
- Management of active and passive uses of Seccombe Lake Park.
- Development of a Parking District to manage security and maintenance of public areas.
- Encourage pedestrian activity by introducing mid-block streets to make blocks smaller, complete streets to reduce conflicts with vehicles, and maximize housing and jobs within five-minute walk of transit stations.

2.b. Community Engagement

2.b.i. Project Partners and 2.b.ii. Project Partner Roles

The following table identifies project partners, along with a point of contact and description of role, to address items 2.b.i. and 2.b.ii, in the guidelines.

PROJECT PARTNERS

PARTNER NAME	POINT OF CONTACT (NAME, EMAIL AND PHONE)	SPECIFIC ROLE IN PROJECT
City of San Bernardino	Mayor John Valdivia (909) 384-7272	The Mayor will lead coordination with city staff to ensure that DTSC has access to City resources needed to effectively implement this grant within the City jurisdiction. Facilitate use of City's existing public relationships forged through design charettes and community envisioning for the Downtown core. Support application of the PACE-EH community engagement methodology.
Successor Agency to the Redevelopment Agency of the City of San Bernardino	Kathy Robles Robles_Ka@sbcity.org (909) 534-4434	Ensure the DTSC is up to speed on redevelopment planning and that the grant site priority list is integrated with high development desirability. Use existing infrastructure of the City to assist with community engagement for the grant.
California State Water Resources Control Board (SWRCB)	Kathryn Dominic Kathryn.Dominic@waterboards.ca.gov (916) 449-5591	Facilitate access to Site Cleanup Subaccount Program funding authorized by Senate Bill 445 to conduct assessment and cleanup.
National Development Council	Diana Sasser dsasser@ndconline.org (209) 483-9863	Provide information on technical assistance on financing products for housing and economic development.
Cal State San Bernardino	Associate Dean of the School of Natural Sciences, Dr. Sally McGill smcgill@csusb.edu	Students interns will assist with research relating to site inventory and selection, participate in the community engagement process, including collection of data on community health and environmental priorities.

2.b.iii. Incorporating Community Input

DTSC will communicate grant progress and solicit feedback from the local community and residents by providing monthly updates on grant activities at the televised City Council meetings. All feedback will be considered, and responses provided at the meetings, in compliance with council meeting rules. DTSC's website and DTSC and Cal State SB Intern-recommended social media outlets will also be utilized for grant messaging on an as-need basis. DTSC will meet with project partners, who will be represented on the Advisory Board, in face-to-face meetings at least every quarter and will have calls as often as needed. Communication will taper once sites have been selected, and updates will be provided when new information is available.

DTSC will work with the City to request support of the Department of Public Health to implement the Centers for Disease Control's National Center for Environmental Health and the National Association for County and City Health Officials Protocol for Assessing Community Excellence in Environmental Health (PACE-EH) methodology which guides communities and local officials in conducting community-based collaboration to involve the public and other stakeholders. This methodology seeks to establish ties with community members, determines and responds to the key environmental health concerns of the community. Implementation of this process will serve as a gateway for community members to voice their primary concerns regarding contaminated sites and facilitate the initiation of the general health discussion. This process, which has been effectively used in Florida and southern states, has only been used in California in a limited capacity but with strong USEPA support. It requires partnerships with local health departments and other stakeholders to effectively address environmental health issues brought up by community members and expands the conversation from environmental contamination to

subjects that may be more meaningful and relevant to community. DTSC will implement this process by collaborating with the City and using City's existing relationships to establish a PACE-EH team consisting of City, DTSC, Cal State San Bernardino, local community, and other health and environmental agencies. DTSC will work with the City to access community members who participated in charette and community open houses for the envisioning of the future of the Downtown Core. These participants are actively invested in the future of the City and will be a resource for DTSC. Community cultural nuances, like preferences on communication format and language, will be addressed to ensure optimal effectiveness. The community will be engaged throughout the grant process.

The 13-step PACE-EH process requires 13 monthly meetings, each with a specific objective and goal. The first two meetings will be led by DTSC and the City to solicit community and stakeholder membership and will establish the PACE-EH team. The remaining 11 meetings will be led by a community member and will be facilitated by DTSC; or DTSC may opt to request Department of Public Health or Agency for Toxic Substances and Disease Registry (ATSDR) support. Step 5 of the PACE-EH process is particularly relevant to the grant because it requires the collection of data on community health and environmental priorities through sample surveys or census surveys and can incorporate broad feedback on the target area. The 11 remaining meetings will incorporate a running agenda item on grant activities, and feedback will be incorporated on a routine basis.

3. TASK DESCRIPTIONS, COST ESTIMATES, AND MEASURING PROGRESS

3.a. Description of Tasks/Activities and Outputs

The grant funds will primarily be used for Phase I and Phase II ESAs. Availability of funding, potential leveraging of resources, and existing funding allocation for construction will be considered in site selection. Phase I and II ESAs will be the starting point for the redevelopment process, followed by cleanup planning, if needed.

3.a.i. Project Implementation

Task 1 – Community Outreach & Involvement – As discussed in 2.b.iii, DTSC will utilize the PACE-EH process to establish meaningful community involvement. PACE-EH helps to inform, educate, and empower people about environmental health issues, and to mobilize community partnerships and actions to identify and solve environmental health problems in a structured process of 13 objective oriented working meetings. PACE-EH also improve the decision-making process by strengthening community involvement so that public values and priorities are considered. Existing, comprehensive DTSC public participation procedures will also be used to ensure stakeholder involvement during assessments, investigations and cleanup planning. DTSC will attend the USEPA National and Western Regions Brownfields Conferences that fall within the grant cycle. These conferences provide an opportunity to conduct outreach, and participate in sessions that contribute to overall grant success.

Task 2 – Site Inventory and Selection – Site selection will include the following steps upon grant award and agreement execution:

1. Reconnect with the Successor Agency to the Redevelopment Agency of the City of San Bernardino, City of San Bernardino, USEPA and the National Development Council to set-up an Advisory Board;
2. Obtain current information on redevelopment plans, zoning, funding/financing;
3. Evaluate sites needing evaluation or action, identified in either DTSC EnviroStor or SWRCB's database, GeoTracker;

Sites will be prioritized based on the following criteria – (1) redevelopment potential, (2) availability of funding and resources for redevelopment, (3) leveraging of funding for assessment and cleanup after the grant, (4) pioneer brownfield that will spur area-wide redevelopment, (5) community support of redevelopment project, (6) health and safety impacts on nearby population, and (7) ease of access. DTSC will focus on sites where project partners have access either through ownership, or through existing relationships with property owners or developers who are interested in purchasing and/or acquiring the sites. Tools such as the Gatto Act (allows local government access and liability relief), DTSC's Voluntary Agreements, and the California Land Reuse and Revitalization Act (liability protections) may be used to facilitate site acquisition. DTSC will conduct technical evaluations to ensure that appropriate sites are selected and ranked according to the steps described under Timing and Implementation, develop area-wide conceptual models, and integrate information from regulatory agencies with historical

involvement. Grant Management hours will include the tasks needed to initiate grant activities and set up a budgeting structure and reporting schedule.

Task 3 – Assessments & Cleanup Planning – DTSC will adhere to standard USEPA compliant contracting procedures to select qualified contractors to assist with the project, which will be approved by DTSC’s Contract Office. To streamline the process, DTSC will prepare a Master Sampling and Analysis Plan (SAP) to standardize field work for sites selected under the grant. The Master SAP will be submitted to USEPA for approval. Then, for each selected site where sampling will be conducted, a Site-Specific SAP will be prepared and submitted to USEPA for review and approval. The Site-Specific SAP and Master SAP will guide sampling and analysis. This involves assessment of sites by a DTSC contractor. Based on DTSC experience, Phase Is are generally estimated at \$25,000, Phase IIs at \$60,000, and Cleanup Plans (i.e. Removal Action Work Plan) at \$40,000. Project Management hours will focus on technical strategy, oversight of contractor, and Quality Assurance reviews of workplans/reports. The Grant Management job hours to set up and facilitate the contract process will be based on USEPA requirements. Outputs will include a combination of up to four Phase Is, Phase IIs, and/or cleanup plans, and an inventory of sites prioritized for assessment funding and cleanup grants.

3.a.ii. Anticipated Project Schedule

YR	OTR	TASK 1 COMMUNITY OUTREACH & INVOLVEMENT	TASK 2 SITE INVENTORY & SELECTION	TASK 3 ASSESSMENTS & CLEANUP PLANNING
1	1	DTSC prepares work plan for grant implementation and develops an Advisory Board for collaboration on technical decisions.		
	2	DTSC initiates dialogue with the City, Dept. of Public Health and ATSDR to establish the PACE-EH team.	DTSC develops selection and screening criteria and updates site prioritization, if needed.	DTSC initiates contracting process.
	3	DTSC, City and other agencies allocate resources to successfully implement the PACE-EH process.	DTSC works with project partners to develop site inventory and obtain associated background information.	DTSC obtains USEPA approval of contracting process.
	4	DTSC, the City and Cal State San Bernardino implement PACE-EH Step 1, Determine community capacity to undertake assessment; Step 2, Define and characterize the community; and Step 3, Assemble a community-based environmental health assessment team.	DTSC reviews existing site inventory, verifies eligibility, and requests USEPA approval for sites which meet selection criteria.	DTSC executes contract with pre-selected DTSC regional contractor.
2	1	Implement PACE-EH Step 4 Define the goals, objectives, and scope of the assessment; and Step 5 Generate list of environmental health issues		Contractor prepares Master SAP and DTSC submits to USEPA for approval.
	2	Implement PACE-EH Step 6 Analyze issues with a systems framework; Step 7, Develop locally appropriate indicators; and Step 8 Select standards against which local status can be compared	DTSC works with Advisory Board and PACE-EH team to select sites for Phase I or Phase II assessments or cleanup planning.	Contractor prepares Site-Specific SAPs and DTSC submits to USEPA for approval (continues through grant period, as needed).
	3	Implement PACE-EH Step 9 Create profiles for each env health issue; Step 10 Rank Issues; and Step 11, Set priorities for action	DTSC determines if Phase I sites require Phase II efforts or cleanup planning.	Contractor implements field work (continues through grant period, as needed).
	4	Implement PACE-EH Step 12, Develop an action plan; and Step 13, Evaluate progress and plan for the future		Contractor prepares Summary Reports (continues through grant period, as needed).
3	1-3	Follow up on Step 13, Evaluate progress and plan for the future	DTSC completes inventory and selection process.	DTSC reviews Summary Reports and recommends next steps and additional resources needed (continues through grant period, as needed).
	4			DTSC and Contractor develop a master summary report with recommendations for next steps for all inventory, Phase I and Phase II Assessments, and cleanup planning sites.

3.a.iii. Task/Activity Lead

Applicant will oversee activities for Tasks 1, 2 and 3.

3.a.iv. Outputs

Anticipated outputs/deliverables (anticipated quantity) for each Task are as follows:

- Grant Support for Tasks 1, 2 and 3: Quarterly Reports (12)
- Task 1: Establishing PACE-EH team and implementing the 13 PACE-EH steps, and set up Advisory Board
- Task 2: Number of brownfields on inventory list (10) and number of eligibility forms submitted/evaluated (6)
- Task 3: Number of Phase Is, Phase IIs, and Cleanup Plans (4 total)

3.b. Cost Estimates

Budget Category - Hazardous Substances	DTSC Staff	Task 1 - Community Outreach	Task 2 - Inventory and Selection	Task 3 - Assessments & Cleanup Planning	Total Budget by Category	Percent of Total
Project Management	T. Chesney (Project Manager)	\$ 7,000	\$ 8,000	\$ 10,000	\$ 25,000	12%
	M. Tasnif-Abbasi (Supervisor)	\$ 2,000	\$ 3,000	\$ 2,000	\$ 7,000	3%
Grant Support	D. Saito (Contracts)	\$ -	\$ -	\$ 4,000	\$ 4,000	2%
	S. Kenner (Grant Compliance)	\$ 1,000	\$ 1,000	\$ 2,000	\$ 4,000	2%
Fringe Benefits *		*	*	*	\$ -	0%
Equipment		\$ -	\$ -	\$ -	\$ -	0%
Contract		\$ -	\$ 8,000	\$ 150,000	\$ 158,000	77%
Travel		\$ 2,000	\$ 2,000	\$ 3,000	\$ 7,000	3%
Total Direct Costs		\$ 12,000	\$ 22,000	\$ 171,000	\$ 205,000	100%
Total Indirect Costs		\$ -	\$ -	\$ -	\$ -	0%
Total Budget		\$ 12,000	\$ 22,000	\$ 171,000	\$ 205,000	100%
* Fringe benefits are included in personnel costs; for details refer to attached SF424.						
Budget Category - Petroleum	DTSC Staff	Task 1 - Community Outreach	Task 2 - Inventory and Selection	Task 3 - Assessments & Cleanup Planning	Total Budget by Category	Percent of Total
Project Management	T. Chesney (Project Manager)	\$ 3,000	\$ 3,000	\$ 3,000	\$ 9,000	9%
	M. Tasnif-Abbasi (Supervisor)	\$ 1,000	\$ 1,000	\$ 1,000	\$ 3,000	3%
Grants Support	D. Saito (Contracts)	\$ -	\$ -	\$ 2,000	\$ 2,000	2%
	S. Kenner (Grant Compliance)	\$ 1,000	\$ 1,000	\$ 1,000	\$ 3,000	3%
Fringe Benefits *		*	*	*	\$ -	0%
Equipment		\$ -	\$ -	\$ -	\$ -	0%
Contract		\$ -	\$ -	\$ 75,000	\$ 75,000	79%
Travel		\$ 1,000	\$ 1,000	\$ 1,000	\$ 3,000	3%
Total Direct Costs		\$ 6,000	\$ 6,000	\$ 83,000	\$ 95,000	100%
Total Indirect Costs		\$ -	\$ -	\$ -	\$ -	0%
Total Budget		\$ 6,000	\$ 6,000	\$ 83,000	\$ 95,000	100%

* Fringe benefits are included in personnel costs; for details refer to attached SF424.

3.c. Measuring Environmental Results

DTSC's dedicated Grants and Program Support Branch will be responsible for reporting the subsequent outputs and outcomes, quarterly progress, financial tracking and budgeting, and ACRES entries. This branch specializes in ensuring compliance with USEPA grant requirements and specifically interfaces with technical staff to ensure that available outputs and outcomes are reported. Since this is an assessment grant for assessment, investigation and cleanup planning, many of the ultimate outcomes (such as jobs created, funding leveraged through economic reuse of sites, number of acres ready for reuse, acres of greenspace created for communities, minimized exposure to hazardous substances and petroleum contamination, etc.) will not be realized within the 3-year grant period. DTSC's community outreach activities under the CERCLA 128(a) SRP Grant include reaching out to recipients of DTSC's grant funding programs. Information obtain during outreach will be updated in ACRES.

4. PROGRAMMATIC CAPABILITY AND PAST PERFORMANCE

4.a. Programmatic Capability

4.a.i. Organizational Structure

The DTSC Brownfields Program is housed within the Site Mitigation and Restoration Program (Grant Cope Acting Deputy Director, approx. 290 staff). This Site Mitigation and Restoration Program is responsible for overseeing the evaluation and cleanup of contaminated properties, including military facilities, school construction and expansion, brownfields and voluntary agreements. The Program is divided in to four regions, along with

branches for special projects, and technically focused groups. Although all site types can be considered to be brownfields, DTSC's brownfields focus is through voluntary agreements. Voluntary agreements represent approximately 40% of Site Mitigation and Restoration Program projects. This work is distributed among all branches and units.

4.a.ii. Description of Key Staff

- Triss Chesney, Project Manager – lead on the implementation of all technical tasks, site seeking and selection, coordinating QA reviews of work plans, site work and ACRES entries, etc. Triss is an engineer with decades of experience managing environmental projects and grants.
- Maryam Tasnif-Abbasi, Project Director – lead on PACE-EH with community, coordinating with municipalities and project partners including the City and County of San Bernardino, Cal State San Bernardino, and the NDC, and ensuring that the Project Manager has adequate resources to implement the grant as effectively as possible. Maryam is a scientist with decades of experience working with communities and managing environmental projects and grants.
- Stacie Kenner, Grants and Program Support Branch- lead on all administrative, financial and reporting aspects of the grant. Stacie has decades of experience on effective and efficient project support.
- Deborah Saito, Contract Coordinator – Ensuring that contract procurement meets all state and federal requirements. She will ensure that equal opportunity procurement procedures will be used to ensure a fair bidding and proposal evaluation process (in conformance with 2 CFR 200.317- 200.326) to procure consultants and contractors.

4.a.iii. Acquiring Additional Resources

DTSC has approximately 1,000 staff with expertise in science, engineering, fiscal management, GIS and grant implementation. We have access to contractors throughout the state, and have strong working relationships with subject experts in industry and academia. We also have access to funding resources through DTSC programs and through our partnerships with other agencies. These resources will be melded to successfully complete the focus projects. These resources will be leveraged and will not be a grant charge.

Equal opportunity procurement procedures will be used to ensure a fair bidding and proposal evaluation process for contracting. A qualifications-based procurement process will be used (in conformance with 2 CFR 200.317- 200.326) to procure environmental consults to assist with project implementation. We also have access to funding resources through DTSC programs and through our partnerships with other agencies. These resources will be melded to successfully complete grant activities.

4.b. **Past Performance and Accomplishments**

4.b.i. **Currently Has or Previously Received an EPA Brownfields Grant**

DTSC recently completed a Community-Wide Brownfields Assessment Grant and currently has a Revolving Loan Fund Grant, and CERCLA 128(a) State and Tribal Response Program Grant. For all grants, DTSC is compliant with reporting requirements, ACRES updates (for site specific work), and fulfilling work plan commitments. Information on each grant is provided below.

FY2015 Community-Wide Brownfields Assessment Grant – Under this grant: (1) set-up a community-wide assessment grant advisory board, (2) developed a brownfields inventory/priority list, (3) developed a community engagement strategy, (4) completed a Master SAP and 3 Site-Specific SAPs, (5) completed 3 Phase II ESAs and 1 cleanup plan, and (6) updated ACRES. DTSC expended 97.2% of the total award. DTSC was cautious to ensure that expenditures did not exceed the grant amount. Considering this, the remaining funds were not expended due to a delay in expenditure data from the State of California's Accounting System.

Brownfields Revolving Loan Fund Grant – DTSC currently has a Brownfields Revolving Loan Fund grant that was awarded in 2006 and will expire in the summer 2020. DTSC has received \$7.8 million and have issued 23 subgrants (totaling \$5.6 million) and 6 loans (\$5.8 million). As loan funds are repaid, additional grants and loans can be made.

CERCLA 128(a) State and Tribal Response Program Grant – Since 2004, DTSC has completed over 100 investigations/cleanup plans under the Targeted Site Investigation Program, many of which have resulted in community revitalization. DTSC receives the maximum award for a state of approximately \$1 million/year to support

staff who are involved in brownfield roles. The grant funds development of tools, guidance, training, and website content, maintenance and improvement of DTSC's public information portal, EnviroStor, marketing and outreach.

THRESHOLD CRITERIA RESPONSE (ATTACHMENT)

1. Applicant Eligibility: State of California

2. Community Involvement:

DTSC will work closely with the project partners to implement the grant. Once the grant has been set up by DTSC and funds are available, DTSC will set up a meeting with project partners to establish point of contacts and develop a task list and schedule. Although quarterly meetings are planned, it is anticipated that during the ramp up for site selection, meetings will occur more often, and will be paired with site visits. Once funds are encumbered for the maximum number of sites, the meetings may wind down with discussions when reports are completed and next steps for each project are defined. Partners will also be connecting for the 13-month implementation of the PACE-EH process.

DTSC will work with the City to request support of the Department of Public Health to implement the Centers for Disease Control's National Center for Environmental Health and the National Association for County and City Health Officials Protocol for Assessing Community Excellence in Environmental Health (PACE-EH) methodology which guides communities and local officials in conducting community-based collaboration to involve the public and other stakeholders. This methodology seeks to establish ties with community members, determines and responds to the key environmental health concerns of the community. Implementation of this process will serve as a gateway for community members to voice their primary concerns regarding contaminated sites and facilitate the initiation of the general health discussion. This process, which has been effectively used in Florida and southern states, has only been used in California in a limited capacity but with strong USEPA support. It requires partnerships with local health departments and other stakeholders to effectively address environmental health issues brought up by community members and expands the conversation from environmental contamination to subjects that may be more meaningful and relevant to community. DTSC will implement this process by collaborating with the City and using City's existing relationships to establish a PACE-EH team consisting of City, DTSC, Cal State San Bernardino, local community, and other health and environmental agencies. DTSC will work with the City to access community members who participated in charette and community open houses for the envisioning of the future of the Downtown Core. These participants are actively invested in the future of the City and will be a resource for DTSC. Community cultural nuances, like preferences on communication format, will be addressed to ensure optimal effectiveness. The community will be engaged throughout the grant process.

The 13-step PACE-EH process requires 13 monthly meetings, each with a specific objective and goals as follows (excerpt from The Protocol for Assessing Community Excellence in Environmental Health (PACE EH) Guidebook):

- Step 1: Determine Community Capacity to Undertake the Assessment - Do we have the necessary relationships with others in the community to engage in a community-based collaborative project?
- Step 2: Define and Characterize the Community - What do we know about the community and its political, social, economic, and cultural systems? Who from that community needs to be engaged in this project?
- Step 3: Assemble Community Environmental Health Assessment Team - Who will participate in the team? How will the project be governed? Who will make decisions?
- Step 4: Define the Goals of the Assessment - What is the scope of the project? What are the expected outcomes and decisions as a result of completing the project?
- Step 5: Generate the Environmental Health Issue List - What issues does the public team care about? Why does the public care about these issues?
- Step 6: Analyze Issues with a Systems Framework - What are the links among health status, populations at risk, environmental agent, exposure/health risk and public health protection factors for selected environmental health issues?

- Step 7: Develop Appropriate Community Environmental Health Indicators - What do we need to know/track about the issue? What are the key indicators that describe the issue?
- Step 8: Select Standards - How will we evaluate our environmental health status?
- Step 9: Create Environmental Health Issue Profiles - What is the nature and extent of the problem in our community?
- Step 10: Rank the Environmental Health Issues - What are the biggest/most serious problems in our community?
- Step 11: Set Priorities for Action - What are our priorities for local action?
- Step 12: Develop an Action Plan - What can we do to address our priorities?
- Step 13: Evaluate Progress and Plan for the Future - Have we been successful? What else do we need to do?

Meetings will incorporate a running agenda item on grant activities, and feedback will be incorporated on a routine basis.

3. Expenditure of Assessment Grant Funds: The State of California, Department of Toxic Substances Control, does not have an active EPA Brownfields Grant



EPA Project Control Number

CERTIFICATION REGARDING LOBBYING

CERTIFICATION FOR CONTRACTS, GRANTS, LOANS AND COOPERATIVE AGREEMENTS

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including sub-contracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31 U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Meredith Williams, Ph.D., Acting Director

Typed Name & Title of Authorized Representative

Signature and Date of Authorized Representative

The public reporting and recordkeeping burden for this collection of information is estimated to average 15 minutes per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Application for Federal Assistance SF-424

* 1. Type of Submission:

- ☐ Preapplication
☒ Application
☐ Changed/Corrected Application

* 2. Type of Application:

- ☒ New
☐ Continuation
☐ Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received:

11/26/2019

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Toxic Substances Control, California Department of

* b. Employer/Taxpayer Identification Number (EIN/TIN):

* c. Organizational DUNS:

9490108700000

d. Address:

* Street1: 1001 "I" Street

Street2: P.O. Box 806

* City: Sacramento

County/Parish:

* State: CA: California

Province:

* Country: USA: UNITED STATES

* Zip / Postal Code: 95812-0806

e. Organizational Unit:

Department Name:

Toxic Substances Control

Division Name:

Site Mit & Restr. Pgrm.

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:

Ms.

* First Name:

Maryam

Middle Name:

* Last Name: Tasnif-Abbasi

Suffix:

Title: Grant Coordinator

Organizational Affiliation:

* Telephone Number: (714) 484-5489

Fax Number: (714) 484-5438

* Email: Maryam.Tasnif-Abbasi@dtsc.ca.gov

Application for Federal Assistance SF-424

* 9. Type of Applicant 1: Select Applicant Type:

A: State Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

* 10. Name of Federal Agency:

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.818

CFDA Title:

Brownfields Assessment and Cleanup Cooperative Agreements

* 12. Funding Opportunity Number:

EPA-OLEM-OBLR-19-05

* Title:

FY20 GUIDELINES FOR BROWNFIELD ASSESSMENT GRANTS

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment

Delete Attachment

View Attachment

* 15. Descriptive Title of Applicant's Project:

This Brownfield Assessment Cooperative Agreement application is being proposed primarily for projects within the San Bernardino area.

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

Application for Federal Assistance SF-424**16. Congressional Districts Of:*** a. Applicant * b. Program/Project

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment

Delete Attachment

View Attachment

17. Proposed Project:* a. Start Date: * b. End Date: **18. Estimated Funding (\$):**

* a. Federal	<input type="text" value="300,000.00"/>
* b. Applicant	<input type="text" value="0.00"/>
* c. State	<input type="text" value="0.00"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="300,000.00"/>

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

- ☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .
- ☒ b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- ☐ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment

Delete Attachment

View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name:

Middle Name:

* Last Name:

Suffix:

* Title: * Telephone Number: Fax Number: * Email: * Signature of Authorized Representative: * Date Signed: